

PRESENTED BY:

IDGA
Institute for Defense and
Government Advancement



Future Naval Plans & Requirements

Accelerating Efforts to Realize
Sea Power 21 & Enable Dominance from the Sea

2003

July 22-23, 2003 - Embassy Suites - Washington, D.C.

While the Navy is developing a culture that is aggressive in innovation, experimentation, and education, they are also fielding systems that provide significant increases for a clear, concise, and powerful vision for the 21st century Navy. IDGA has assembled an unparalleled speaker faculty to address this vision that includes:

- **WILLIAM M. BALDERSON**
Deputy Assistant
Secretary of the Navy,
Air Programs
Research, Development &
Acquisition
- **REAR ADMIRAL
DENNIS M. DWYER, USN**
PEO, Aircraft Carriers
- **CAPT DAVID LEWIS, USN**
Program Manager
DDG51 Destroyer
- **CAPT DAVID M.
SCHUBERT, USN**
Commanding Officer
Naval Research Lab
- **CAPT GREG L. MAXWELL
(RET), USN**
Deputy Commander,
Human Systems
Integration
NAVSEA 03
- **KENNETH E. MILLER**
Assistant Deputy Chief of
Naval Operations Warfare,
Requirements & Programs
- **CAPT JOHN LAMBERT, USN**
PM, UUV
Mine & Undersea Warfare
- **CAPTAIN KEVIN D.W. LAING**
Director, Maritime Strategy
Canadian Forces Maritime
Command
- **RDML CHARLES S.
HAMILTON, II, USN**
Deputy PEO for Ships
- **CAPT STEVEN S. PETRI, USN**
Commander
NSWC, Dahlgren Division
- **DR. DELBERT C. SUMMEY**
Director, Littoral Warfare
Technology & Systems
Department, NSWC
- **COLONEL WILLIAM R.
MURRAY, USMC**
Marine Corps Combat
Development Command
- **REAR ADMIRAL WILLIAM
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Logistics, Maintenance
and Industrial Operations
- **CAPT THOMAS J. STREI, USN**
Deputy, Open Architecture
Directorate
PEO, Integrated Warfare
Systems
- **DR. ERIC LABS**
Principal Analyst for
Naval Forces & Weapons
Congressional Budget
Office
- **CAPT DOUGLAS H.
RAU, USN**
Director, Division of
Engineering & Weapons
U.S. Naval Academy



This conference will feature in-depth sessions on plans, programs and requirements from experts who are charting the course on how the Navy will organize, integrate, and transform. Specifically you will learn new developments in:

- **Managing** a forward-deployed, combat-ready naval force
- **Transitioning** into a capabilities-based Navy
- **Developing** next-generation combatant ships
- **Transforming** the Navy into a joint, integrated, network-centric force
- **Integrating** knowledge to dominate the battlespace

Don't Miss These Content-Rich Learning Workshops:

- A Human Aspects of Sea Power 21**
- B Littoral Undersea Warfare**

Special Thanks To:

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DAY ONE:

Tuesday, July 22, 2003

7:00-8:00 Registration & Continental Breakfast

8:00-8:50 Transforming Naval Aviation for 21st Century Warfare

William M. Balderson
Deputy Assistant Secretary of the Navy (Air Programs)
Research, Development and Acquisition
Department of the Navy

9:00-9:50 Open Architecture

CAPT Thomas J. Strei, USN
Deputy, Open Architecture Directorate
Program Executive Office, Integrated Warfare Systems

9:50-10:10 Mid-Morning Refreshment Break

10:10-11:00 CVN 21: Laying the Foundation for the Future

Rear Admiral Dennis M. Dwyer, USN
PEO, Aircraft Carriers

11:10-12:00 UUVs and Future Warfighting Capabilities

CAPT John D. Lambert, USN
Program Manager, Unmanned Undersea Vehicles
Mine & Undersea Warfare (PEO-MUW)

12:00-1:00 Luncheon for Attendees and Speakers

1:00-1:50 Transforming the Navy's Surface Combatant Force

Dr. Eric Labs
Principal Analyst for Naval Forces & Weapons
Congressional Budget Office

2:00-2:50 Canada's Future Naval Requirements—The Second Wave of Transformation

Captain Kevin D.W. Laing
Director, Maritime Strategy
Canadian Forces Maritime Command

2:50-3:10 Mid-Afternoon Refreshment Break

3:10-4:00 Navy Science & Technology's Role in Enabling Sea Power 21

CAPT David M. Schubert, USN
Commanding Officer
Naval Research Lab

4:00-5:15 Shaping the Future of Naval Warfare with Unmanned Systems

Dr. Delbert C. Summey
Director, Littoral Warfare Technology & Systems Department
Coastal Systems Station
Naval Surface Warfare Center

5:15 Conclusion of Day One

DAY TWO:

Wednesday, July 23, 2003

8:00-8:45 Naval Requirements & Programs

Kenneth E. Miller
Assistant Deputy Chief of Naval Operations Warfare,
Requirements & Programs
Department of the Navy

8:55-9:40 Views of a Navy PEO: Next-Generation Naval Platforms

RDML Charles S. Hamilton, II, USN
Deputy Program Executive Officer for Ships

9:40-10:00 Mid-Morning Refreshment Break

10:00-10:45 Ships and Sea Power 21

CAPT Steven S. Petri, USN
Commander
NSWC, Dahlgren Division

10:55-11:40 SeaBasing. . .It Takes Vision

Colonel William R. Murray, USMC
SeaBasing. . .Expeditionary Force Development Center
Marine Corps Combat Development Command

11:50-12:35 Single Shipyard

Rear Admiral William Klemm, USN
Deputy Commander, Logistics, Maintenance and Industrial Operations
NAVSEA 04

12:35-1:35 Luncheon for Attendees and Speakers

1:35-2:20 DDG51 Shipbuilding Program

CAPT David Lewis, USN
Program Manager
DDG51 Destroyer

2:30-3:15 Promising Future of Fleet Capabilities

CAPT Douglas Rau
Director, Engineering & Weapons Division
U.S. Naval Academy

3:25-4:10 Human Systems Integration-Total System Performance

CAPT Greg L. Maxwell (ret) USN
Deputy Commander, Human Systems Integration
NAVSEA 03

4:10-5:00 Champagne Roundtable Discussions

Use this time to explore new ideas and strategies, debate controversial issues, or ask any remaining questions you might have from the two days of proceedings. Example of session topics might include:

- Sea Strike-Projecting Offense
- Sea Shield-Projecting Defense
- Sea Basing-Projecting Sovereignty
- Sea Trail-Innovation to the Warfighter
- Sea Warrior-Preparing the Warfighter
- Sea Enterprise-Resources to the Warfighter



5:00 Conclusion of Day Two

INTERACTIVE DINNER WORKSHOP
TUESDAY, JULY 22, 2003 • 5:30 PM-8:30 PM

HUMAN ASPECTS OF SEAPOW 21

As the leadership of the Navy has said many times, 50% of FORCENet is the human element—the 21st century naval warrior. This hands-on, interactive workshop will provide participants with the opportunity to explore and focus on the recommendations for the human element of FORCENet that came from a NDIA FORCENet study. They have numerous implications for Sea Warrior, Sea Enterprise, and Sea Trial, as well as more general areas. During the workshop you will then be able to discuss issues and challenges that you face, both in the naval service and industry partners as they implement these kinds of recommendations. Specific questions will include:

- In FORCENet, why is the human element critical?
- What paradigms need to shift, and why?
- How can we optimize the use of humans and machines?
- In the context of joint and inter-agency operations, how should human capabilities, especially complex command and control, be enhanced by FORCENet?
- What are the implications of the human element in an acquisition process that is capabilities-based rather than platform-based?

Workshop Leaders:

Christine A.R. MacNulty
President & CEO
Applied Futures, Inc.

John A. Poirier
Director, Program Integration & Outreach
Technology Research Group
SAIC

POST-CONFERENCE MORNING WORKSHOP
THURSDAY, JULY 24, 2003 • 8:00 AM - 11:00 AM

LITTORAL UNDERSEA WARFARE

Undersea warfare is changing. As large-scale deepwater operations are superseded by more covert operations in the littoral, applications for submarines and other undersea platforms will diversify. The aim of this interactive workshop is to firstly introduce the changing undersea battlespace and the threats that it poses and, secondly, to focus on how SSNs in particular will respond to these threats. Specific highlights will include:

- The future of the undersea battlespace
- Undersea network-centric operations
- New roles for submarines
- Applications for Unmanned Underwater Vehicles (UUVs)
- Land attack and Suppression of Enemy Air Defenses (SEAD) as a submarine mission
- Evolutionary versions of the Virginia Class SSN
- Future SSN missions to include, Theater Ballistic Missile Defense (TBMD) and Real-Time Responsive Counter-Battery Fire

Workshop Leader:

CAPT James H. Patton, Jr., USN (ret) is President of **Submarine Tactics and Technology, Inc.** He is an acknowledged expert in undersea warfare, having served on 5 U.S. Navy nuclear attack submarines and 2 nuclear ballistic missile submarines. He also commanded one of the nuclear attack submarines. He is now a consultant to over 30 major corporations and agencies on matters of stealth warfare, sensors and weapons and communications. He has had numerous articles published in naval journals and has received 7 personal decorations, including the Legion of Merit. For 3 years, he was the Technical Consultant to Paramount Pictures for the film *Hunt for Red October*.

SPONSORSHIP AND EXHIBITION OPPORTUNITIES

WHY SPONSOR OR EXHIBIT AT IDGA'S FUTURE NAVAL PLANS & REQUIREMENTS 2003 ?

IDGA Sponsorships and Exhibits are an excellent opportunity for your company to showcase its products and services to a highly targeted, senior-level audience at Future Naval Plans & Requirements conference. IDGA helps companies achieve sales, marketing and branding objectives by setting aside a limited number of event sponsorships and exhibit places - all of which are custom-tailored to help your company create a platform that will maximize its exposure at the event and reach key decision makers in the Future Naval Plans & Requirements 2003 market.



PREVIOUS SPONSORS AND EXHIBITORS AT IDGA EVENTS

When you decide to sponsor and/or exhibit at an IDGA event you'll be in good company. Here are just a few of the many companies that have showcased products and services:

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|---------------------------|-----------------------|
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| • Accenture | • L-3 Communications |
| • Raytheon | • Applied Data Trends |
| • Hewlett Packard | • BEA Systems |
| • DynCorp | • Rockwell Collins |
| • General Dynamics | • Cisco Systems |
| • Internet Pictures Corp. | • CACI |
| • CAE | |

WHAT TYPE OF EXPOSURE CAN MY COMPANY HAVE AT IDGA EVENTS?

IDGA prides itself on creating sponsorship and exhibit opportunities that fit your company's specific sales, marketing and branding needs. In order to maximize your organization's exposure at the event an IDGA representative will work with you to create a custom tailored package for your company that will have the greatest impact on your target audience.



Below you'll find just a few of IDGA's most popular sponsorship packages - all of which include a specific number of delegate passes, exhibition booth and a direct marketing campaign specifically targeting your clients and prospects.

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|-------------------------|------------------------|
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| • Internet Café | |

EXHIBITION FLOOR PLAN

Exhibit booth location is based on two factors - the type of sponsorship package your organization chooses and the date of sponsorship/exhibit registration. Reserve your space today to ensure you get the booth location of your choice.



FOR MORE DETAILED INFORMATION ON THESE SPONSORSHIP AND EXHIBITION OPPORTUNITIES, PLEASE CONTACT JARED PINSKER AT 212-885-2708 OR JARED.PINSKER@IDGA.ORG

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Special Thanks To:

SEA POWER

SEA POWER, the official monthly magazine of the Navy League of the United States, is read by

more than 70,000 subscribers, including procurement decision-makers in the defense market, senior officials of the Navy, Marine Corps, Coast Guard, and U.S.-flag Merchant Marine, Congress, and the Departments of Defense. SEA POWER publishes a diverse range of authoritative and informative articles to educate the American people, their elected representatives, and industry on the need for robust naval and maritime forces.



The Naval Institute is a nonprofit membership society dedicated to providing an open forum for those who dare to read, think, speak and write to advance professional, literary and scientific understanding of sea power and other issues critical to national security. Discussions regarding "Sea Power 21," published in our flagship magazine

Proceedings, are of great importance to our members and to our nation, and we are proud to support "Future Naval Plans & Requirements." Go to www.navalinstitute.org and join the Naval Institute. "Dare to Participate."

ABOUT THE VENUE . . .



EMBASSY SUITES
HOTEL

The Embassy Suites Hotel-Downtown Washington DC is conveniently located to all attractions and the business district. The hotel is three

blocks from the METRO system which offers fast and efficient transportation all over the city. The prestigious West End area is full of restaurants, shopping, businesses, museums, and universities. We are only blocks from both Georgetown and Dupont Circle.

EMBASSY SUITES - DOWNTOWN

1250 22nd Street NW
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IDGA Conferences Available on CD Rom!

Can't attend the conference? While there's no substitute for being onsite, you can now benefit from all of the presentations, exhibitor information and other key strategies and insights passed along at the event by purchasing a specially prepared Future Naval Plans & Requirements 2003 CD Rom. The CD Rom is a permanent reminder of the conference and contains all of the detailed PowerPoint presentations that were prepared by the speaker faculty and presented at the event; a full color conference brochure; detailed information about the event sponsors and exhibitors along with information about how your company can get involved in future events; and upcoming IDGA events! The cost of the CD Rom is only \$499 - a mere fraction of the registration price! To reserve your CD Rom call IDGA's Customer Service Department at 800-882-8684.



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IMPORTANT! To speed registration, provide the product code located on the back cover—even if it is not addressed to you!

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CONFERENCE PRICING	Gov't/Military Staff	Non-Profit Organizations	Industry	Groups from same organization
Register and pay in full by May 19, 2003	\$849	\$849	\$999	PLEASE CONTACT IDGA
Register and pay in full by May 30, 2003	\$899	\$899		
Register and pay in full after May 30, 2003	\$999	\$999		
For each Workshop, please add	\$400	\$400	\$400	

*Please add 6% sales tax to conference fee if you are a Connecticut resident or are employed in the state of Connecticut
Please Note: An individual may only utilize one form of discount per registration. Please determine the MAXIMUM discount you may qualify for prior to registration. PAYMENT IS DUE IN FULL AT THE TIME OF REGISTRATION

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For specific questions regarding the event, assistance with the registration process, or details on IDGA's special group rates, please contact Tony Yauch, Client Representative, at 800-882-8684 ext. 5165 • 1-973-812-5165, (if calling outside the U.S.) or e-mail him at info@idga.org.

IDGA CANCELLATION, POSTPONEMENT AND SUBSTITUTION POLICY:

You may substitute delegates at any time. IDGA does not provide refunds for cancellations. For cancellations received in writing more than seven (7) days prior to the conference you will receive a 100% credit to be used at another IDGA conference for up to one year from the date of issuance. For cancellations received less than seven (7) days prior to the event no credits will be issued. In the event that IDGA cancels an event, delegate payments at the date of cancellation will be credited to a future IDGA event. This credit will be available for up to one year from the date of issuance. In the event that IDGA postpones an event, delegate payments at the postponement date will be credited towards the rescheduled date. If the delegate is unable to attend the rescheduled event, the delegate will receive a 100% credit representing payments made towards a future IDGA event. This credit will be available for up to one year from the date of issuance. No refunds will be available for cancellations or postponements. IDGA is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. IDGA shall assume no liability whatsoever in the event this conference is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this conference impracticable or impossible. For purposes of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergency.

Please note that speakers and topics were confirmed at the time of publishing, however, circumstances beyond the control of the organizers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, IDGA reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated on our web page as soon as possible

CD ORDERS: Please place your order at least 2 weeks prior to the conference by calling 800-882-8684, by email at info@idga.org or by fax at 973-256-0205. Advanced orders will determine whether this conference is recorded. If the conference is recorded, orders will also be accepted onsite.

MAKING TRAVEL PLANS? For discounted Flight reservations on most major carriers, make sure you or your Corporate Travel Department contacts IDGA's Official Travel Planner, **Candy Eardley** of Travel Forum, toll-free at 1-877-852-4135 or locally at 973-942-0100. Candy can also be reached via email at candy@travelforuminc.com.

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Who You Will Meet. . .

At **FUTURE NAVAL PLANS & REQUIREMENTS 2003**, you will have the unique opportunity to interact and network with representatives from related military units/organizations, defense agencies, industry contractors and technology service providers who are bringing innovation to the fleet. Attendees will include Directors or Deputy Directors with the following responsibilities:

- Program Management
- Ship Design & Development
- Communications
- Combat Systems
- Research & Development
- Naval Engineers
- Policy
- Naval Operations

Team involvement is essential to the success of the Sea Power 21 vision! IDGA has arranged a special discount for teams of three or more who register at the same time. **Please call our Registration Center at 1-800-882-8684 for more details!**

About the Event Organizer:

The Institute for Defense & Government

Advancement has established itself as a non-partisan, information-based organization dedicated to the promotion of innovative ideas in public service and defense. We bring together speaker panels comprised of military and government professionals while attracting delegates with decision-making power from the government and defense sectors. IDGA provides well-researched, uniquely tailored events that keep our delegates abreast of operational and industry advancements as well as provide a forum to gain access to influential representatives and professionals. For more information on upcoming conferences and international symposiums, please visit www.idga.org or e-mail info@idga.org.

Please note - Attendees are not required to possess security clearance materials for these unclassified events, but must have a legitimate interest in helping the United States military forces and its allies tackle these issues. We reserve the right to require non-US citizens to provide documentation of their affiliation with a U.S. or allied military program.

"Sea Power 21. . .will usher in new ways of deterring conflict, new methods of waging wars, and new technologies leading to major increases in warfighting effectiveness."

- ADM Vern Clark, USN



IDGA
Institute for Defense and
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Dear Colleague:

The US Navy is committed to bettering the power and effectiveness of their maritime forces and has begun a transformational effort to meet current and future requirements.

They have been tasked to build an all-purpose vision that will employ current capabilities in new ways, introduce innovative technologies as quickly as possible, and achieve unprecedented maritime power which will ensure that the joint force dominates the unified battlespace of the 21st century.

This conference, **Future Naval Plans & Requirements 2003**, scheduled for **July 22-24, 2003 in Washington, DC** will serve as the forum for government & industry to discuss goals/objectives, implementation strategies, enablers/barriers and existing initiatives of Sea Power 21. You will hear from leading military personnel who are refining requirements, conducting innovative operations, and allocating resources to achieve efficiencies and recapitalize the fleet.

Future Naval Plans & Requirements 2003 will cover a complete range of perspectives, detailing theories, strategies and tactics that have been developed to chart a course in achieving the Navy's Sea Power 21 vision. The conference features an unparalleled speaker faculty, including:

- Rear Admiral Dennis M. Dwyer, USN, PEO, Aircraft Carriers
- William M. Balderson, Deputy Assistant Secretary of the Navy (Air Programs) Research, Development & Acquisition
- RDML Charles S. Hamilton, II, USN, Deputy PEO for Ships
- Colonel William R. Murray, USMC, SeaBasing. . .Expeditionary Force Development Center, Marine Corps Combat Development Command

In addition to the unparalleled speaker faculty, **Future Naval Plans & Requirements 2003** will also feature endless networking opportunities, including a champagne roundtable discussion after the two days of conference proceedings. Do not miss this opportunity to discuss a broad range of initiatives and transformational technologies with your peers in this informal setting!

Act now! Reserve your place among the top naval experts today! Register yourself and a team of key people by calling **1-800-882-8684** or **973-812-5165**, by faxing the order form on the back of the brochure to **973-256-0205**, or online at www.idga.org

I look forward to meeting you in July!

G. Bradley Moor
Program Director
brad.moor@idga.org

Are You Already Registered For Another Event But Would Rather Attend This IDGA Event?

Don't Worry! If you have already registered for an alternative event but would rather attend FUTURE NAVAL PLANS & REQUIREMENTS 2003, IDGA will reimburse the cost of your cancellation fee (Up to \$200).



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REGISTRATION CARD

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- ☐ Conference plus ONE Workshop
- ☐ Conference plus TWO Workshops

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